

Application No.: 10/669,403  
Docket No.: UC0315USNA

**REMARKS**

The following remarks are responsive to the Examiner's rejection in the Final Office Action dated November 30, 2007.

*Status of the claims*

The pending claims are 15 and 22-32. Claims 23 and 30-32 stand objected to under 37 C.F.R. § 1.75. Claims 15 and 22-32 stand rejected under 35 U.S.C. § 102 (b).

*Amendments to the Claims*

Claims 15, 22 and 23 are amended to more particularly recite the active material in the liquid composition. In Claims 22 and 23, the active material is selected from electrically active materials, photoactive materials, and mixtures of such materials, as previously stated in the preamble. In Claim 15, the active material is selected from semiconductive materials, photoactive materials, and mixtures of such materials. The basis for including semiconductive materials can be found at page 2, lines 2-3 of the Specification. No new matter is introduced.

*Claim Objections – 37 C.F.R. § 1.75*

Claims 23 and 30-32 are objected to under 37 C.F.R. § 1.75 as being substantial duplicates of Claims 15 and 24-26.

Claims 15 and 23 are independent claims with Claims 24-26 and 30-32, respectively, dependent thereon. Applicants respectfully submit that Claim 23 as previously presented recites a subset of the materials claimed in Claim 15, and thus the claims are not substantial duplicates. Claim 23, as currently amended, is further differentiated from Claim 15 in terms of the active materials recited.

Applicants respectfully submit that that Claims 15 and 23 are not substantial duplicates, nor are the claims dependent thereon, and request that this objection be withdrawn.

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*Claim Rejections - 35 U.S.C. § 102*

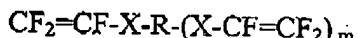
(1) Babb et al., U.S. Patent No. 5,730,992

Claims 15, 23-26 and 30-32 stand rejected under 35. U.S.C. § 102(b) as allegedly anticipated by Babb.

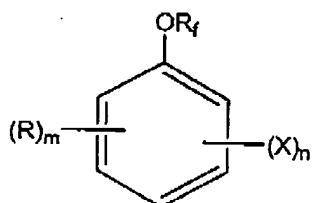
The Examiner has pointed to a coating composition comprising (a) a compound having Formula I of Babb, (b) barium ferrite, iron oxide, or titania, and (c) a solvent. Applicants respectfully submit that this is not the same as Applicants' liquid composition as recited in Claim 15 or in Claim 23, the sole independent claims in this rejection.

With respect to Claim 15, Applicants respectfully submit that the coating composition of Babb does not contain semiconductive or photoactive materials. Barium ferrite and iron oxide are magnetic particles, and not semiconductive or photoactive materials. Applicants can find no mention of titania, but it also is not semiconductive or photoactive. The list of possible additives in column 15, lines 25-43, of Babb does not include semiconductive or photoactive materials.

With respect to Claim 23, Applicants respectfully submit that Formula I of Babb does not read on the compound of the liquid medium in Applicants' claim. In Formula I of Babb



$m = 1-3$ . Thus, there are at least *two* unsaturated perfluorovinyl groups in the compound. In Applicants' Claim 23, the liquid medium is selected from compounds having the structure



where only  $R_f$  can be unsaturated.  $R$  and  $X$  are independently  $C_1-C_{10}$  alkyl,  $C_1-C_{10}$  alkoxy, or  $C_1-C_{10}$  oxyalkyl. Thus, there cannot be two (or more) perfluorovinyl groups in the compound of Applicants' Claim 23.

Applicants respectfully submit that each and every limitation of independent Claims 15 and 23 has not been met by the reference, and therefore the reference does not anticipate Claims

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15, 23, or the claims dependent thereon. Applicants respectfully request that this rejection be withdrawn.

**(2) Yamada et al.. U.S. Patent 6,046,348**

Claims 15 and 22-32 stand as rejected under 35 U.S.C. § 102(b) as being anticipated by Yamada et al.

Yamada discloses a silane compound of a specific formula that can be used in a photoreceptor for electrostatic photography. The silane compound can be combined with a fluorine-containing ether (see Yamada at col. 73, lines 51-55). However, all of the ethers disclosed by Yamada at col. 74, lines 22-36, are *alkyl* ethers, having no benzene rings. This is not the same as Applicants' fluorinated ether solvent which has the formula given above.

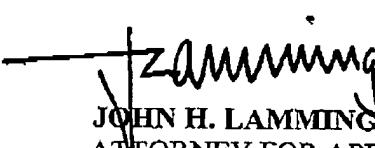
Applicants respectfully submit that each and every limitation of independent Claims 15, 22 and 23 has not been met by the reference, and therefore the reference does not anticipate Claims 15, 22, 23, or the claims dependent thereon. Applicants respectfully request that this rejection be withdrawn.

**CONCLUSION**

In view of the foregoing claim amendments and remarks, Applicants respectfully submit that the above referenced application is in condition for allowance and a notice of allowance is earnestly requested, for Claims 15 and 22-32.

Should there be any questions about the content of this paper or the status of the application, the Examiner is invited to call the undersigned at the telephone number listed below.

Respectfully submitted,

  
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Dated: January 30, 2008